



ALASKAN COPPER & BRASS COMPANY

Stainless Steel *Aluminum*



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May 15, 1995

METRO

Attn: Peggy Rice
Industrial Waste Investigator
130 Nickerson St., Suite 200
Seattle, Wa 98109-1658

Subject: Fourteen Day Report

This letter is in response to the notice of violation received on May 3 1995. I believe that the out of compliance condition was caused by several things. First, by the method of sampling through the stationary pick up tube supplied by Alaskan Copper Works. Metro's sample system only collects a sample when our pump is discharging. The discharge of the pump stirs up sediment and it is this increase in floatables that is recorded in the sample. Second, our system of adding flocculant is not sufficient to allow adequate mixing. Third, air in the pick up line is causing some of the material to be suspended and carried into the last stage of baffles as sediment. And last, a design problem in the clarifier inlet line that allows the force of the inlet material to stir up the clarifier, resulting in lighter materials becoming suspended again.

At this time Alaskan Copper Works is proceeding with system changes suggested by Joe Edmonds on your visit Friday. These changes include a mixing tank to be installed prior to the clarifier system to improve the mixing of the flocculant. A sketch of the tank being fabricated is enclosed. We have identified a leak in the suction line of the pick up pump and repaired same. This has corrected the excessive air in the see through flow meter observed on the day of your visit. Engineering changes to the clarifier input line, directing the flow under a blanket of sludge are under way. As you will observe on the self monitoring report for April and May, we are taking composite samples each day until we are sure that we have the problem under control. Also as of Friday, a second composite sample is taken every day in the same manner samples were taken prior to the pick up tube systems installation. I hope this added information will help confirm my analyses of the problem.

Sincerely,
James C Brown
Operations Manager